

Title (en)

Cable management system for connector assemblies

Title (de)

Kabelandordnungssystem für Steckverbinderzusammenstellung

Title (fr)

Système de positionnement de câbles pour un assemblage de connecteurs

Publication

EP 1191639 A3 20020828 (EN)

Application

EP 01120583 A 20010829

Priority

US 67737700 A 20000918

Abstract (en)

[origin: EP1191639A2] A cable management system is provided for a connector assembly (10). A housing (32) has a plurality of passages (38) for receiving the terminating ends (28) of a plurality of cables (22). The passages open at a rear face (36) of the housing. The cables have enlarged retention sections (30) spaced from the terminating ends (28) thereof. A backshell (44) extends away from the rear face of the housing and includes an angled cavity (54) within which the cables extend at an angle from the rear face (36) of the housing (32). A plurality of retention recesses (62) in the cavity (54) capture the enlarged retention sections (30) of the cables. The retention recesses (62) are at varying locations in a direction longitudinally of the cables to accommodate the different locations of the passages (38) from which the cables emanate. <IMAGE>

IPC 1-7

H01R 13/58

IPC 8 full level

G02B 6/38 (2006.01); **H01R 9/00** (2006.01); **H01R 13/46** (2006.01); **H01R 13/518** (2006.01); **H01R 13/58** (2006.01); **H01R 13/648** (2006.01)

CPC (source: EP KR US)

H01R 9/00 (2013.01 - KR); **H01R 13/5833** (2013.01 - EP US)

Citation (search report)

- [A] US 5242315 A 19930907 - O'DEA JOHN [US]
- [A] US 4781615 A 19881101 - DAVIS WAYNE S [US], et al
- [A] US 4405187 A 19830920 - MUELLER MANFRED [DE], et al

Cited by

CN100353198C; WO03083532A3; WO2023232579A1

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EP 1191639 A2 20020327; **EP 1191639 A3 20020828**; **EP 1191639 B1 20040317**; CN 1199329 C 20050427; CN 1345110 A 20020417; DE 60102332 D1 20040422; DE 60102332 T2 20050217; JP 2002148482 A 20020522; JP 3502989 B2 20040302; KR 100393713 B1 20030802; KR 20020022026 A 20020323; TW 517892 U 20030111; US 6751392 B1 20040615

DOCDB simple family (application)

EP 01120583 A 20010829; CN 01140602 A 20010917; DE 60102332 T 20010829; JP 2001278083 A 20010913; KR 20010057226 A 20010917; TW 90216003 U 20010919; US 67737700 A 20000918